

December 14, 2021

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| Welcome Andrey as Elected Committer Representative             | Pradeep/All | 2       |
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## Attendees

Steering Committee Members:

Number of Seats 9 / Quorum is 50% of Committee / Passing a resolution is > 50%

- **Pradeep Balachandran (IBM)** / Thomas Watson (IBM)
- **Sebastian Ratz (SAP)** / **Yannic Soethoff (SAP)**
- **Manuel Bork (Yatta)** / Frederic Ebelshäuser (Yatta)
- **Jonah Graham (Planning Council Chair)**
- **Mark Goodchild (Renasas)**
- Abdul Rahiman Imran (Bosch)
- **Johannes Matheis (Vector)**
- Martin Lippert (VMware - Participant Representative)
- **Andrey Loskutov (Committer Member Representative)**

Supporter Members:

- Remi Schnekenburger (EclipseSource)

Other Attendees:

- **Paul Buck (Eclipse Foundation)**
- **Sharon Corbett (Eclipse Foundation)**
- **Ed Merks (Eclipse Foundation, Sim Rel Engineer)**
- **Mélanie Bats (Planning Council Observer)**

## **Minutes**

### **Approve Minutes of November 30, 2021 Meeting**

Motion: Approve Minutes of December 14th 2021 - Jonah moves to approve, Manuel seconds.

RESOLVED, the Steering Committee unanimously approved the Minutes of November 30th, 2021 on December 14th, 2021

### **Welcome Andrey as Elected Committer Representative**

Welcome to Andrey and now he has a vote.

Action: Sharon to update the quorum numbers at the top of these notes for subsequent meetings.

### **Extend Invitation for Planning Council Observer (M. Bats)**

Pradeep: Motion to invite Melanie to stay on as an observer for these meetings in 2022. Jonah seconds and this is unanimously approved.

### **Updates from Ed**

Ed has been creating a wrapper/model around the simultaneous release integration. Everyone has added these files. To enable data to be generated on the project dependencies.

Ed has used this data to find old versions of projects which are still within the train.

The dependencies can then be generated.

This allows proper tracing to then work out what projects can then depend on these old versions. Very good for troubleshooting issues. (Log4J issue has highlighted this recently)

Every installable unit specifies requirements (requirement capabilities) e.g. Java packages or bundles.

Suggestion from the mailing list that we can install something that can exclude or warn you if you have a bad bundle installed. This could be a possible improvement that Ed could work on.

Pradeep: Does P2 have this ability?

Ed: Yes, it has the min max versions which could provide this functionality.

Aggregator has not been built for a long time and no commits for 2 years. So some time has been spent brushing up this area with the latest Eclipse versions.

Pradeep: What about those with few activities or a low bus factor?

Ed: Would like to take notes for each of the parts and then comment on this. E.g. Idea to see the history of the aggran files to see what is active.

Pradeep: This is a good idea especially if we can automate this check.

There is an issue with GEF. Old version or new version that uses JavaFX and this cannot be downloaded from anywhere.

Idea to link components back to PMI and then use this to grab the version and release data to ensure they match. This would allow this traceability information to be generated automatically.

Discussion about the Log4J problems.

Sebastian: Why are these projects not using the Eclipse platform logging feature?

Jonah: Not possible because many projects are not being rebuilt and need bundles.

Jonah: Danny sent out a wiki page with some details on the Log4J issue and many projects have responded. This is very positive.

### **Planning Council Top Three Issues Continuation**

Pradeep: Main decision is whether we want to use the available budget for this purpose or not. We need to decide if we want to and then we can decide how to do this.

Ed: Is concerned that Dark Theme and DPI issues are a rat hole problem. Something we can hire someone for but perhaps very hard to fix. Ed is concerned that smart people have not fixed this in 10 years. SWT cannot be fixed and needs to be addressed at application level.

Manuel: Ed do you have a suggestion? Do we do nothing or migrate away from SWT?

Ed: How to determine the colours?

Jonah: Top one is browser integration and the third one is desktop launchers. Some of the SWT issues are possible to solve.

Johannes: Has seen major issues with HDPI monitors and causing major slowdowns.

Ed: Has 3 HDPI monitors which are 4K and these are usable.

Pradeep: Steering committee statement:

The Steering Committee authorized the available budget for improving platform issues - how this is executed can be decided later.

Jonah: If we have this approved can we talk to potential contractors?

Paul: To talk to someone can we generate a SOW to discuss with them? We can only discuss skills inventory and resource availability. If we go down the bug bounty trail then this would be different.

Jonah: Is there a way we can approach these people with a large list of problems and ask is this something they can help with?

Paul: Yes, this would be possible. Paul also thinks that we should not get in the place where the working group funds activities. Someone in the community would ideally do it but so far no one has done it.

Pradeep: An organisation doing it would be best but we do need quite specialist skill to do this.

Pradeep: Jonah, can we engage with the open issues list and then s

Jonah: Can we put a RFQ out for the improvements to the Eclipse Platform? These are the general issues we would like to fix and then request quotations on how to fix them.

**Action: Paul will take action to respond to this and will respond electronically.**

4 major issues.

1. Browser Integration
2. Launcher
3. Dark Mode
4. High DPI

Browser integration - there is a company who already sells a SWT Browser component.

Can we vote on this resolution today?

The Steering Committee approves allocating the available "Engineering and Development Initiatives" budget for improving platform issues raised by the planning council.

This is unanimously approved.

Johannes: Is this budget all that is allocated at this point?

Sharon: Yes, unless we get additional members or sponsors.

Pradeep: We also have Ed but unlikely he will solve SWT issues.

Paul: Reiterates that Ed's work is additive to Fred's work.

### **Migration to GitHub Discussion**

Andrey:

How much time do we have? What do we need?

Ensure that we have common bug infrastructure - ensure they are raised in the same way regardless of project.

Clear statement from Eclipse Foundation when the old services will be shutdown.

Documentation from Bugzilla the only documentation for Eclipse platform.

We need to do something here.

We must ensure this documentation and data is not lost after the move from the legacy tools.

We should have a migration plan.

Andrey:

- clear timeline for move from foundation
- clear statement how long the old infra will stay
- bugzilla backup instance needed
- gerrit to github releng move effort - be prepared
- github as bugzilla replacement - decision for all platform projects needed

[https://docs.google.com/document/d/1dFAGX2P5cKnmfppyGhTqUIt0iGAHaRXm1BW7\\_hVufBw/edit#heading=h.xjpu1qh9h2d](https://docs.google.com/document/d/1dFAGX2P5cKnmfppyGhTqUIt0iGAHaRXm1BW7_hVufBw/edit#heading=h.xjpu1qh9h2d)

Ed: Thinks we are always migrating to something new but often no benefit and our build breaks, etc.

Jonah: This issue has not been discussed at the planning council.

Pradeep: This should be discussed in more detail in a subsequent meeting.

Pradeep: Next meeting January 11th 2022.

JavaFX:

We will move this to the next meeting.

Imran will discuss this.

Ed says you cannot get JavaFX into the IDE unless you go to a special repository.

JavaFX no longer distributes the JDK.

Perhaps a bug issue should be raised to elaborate on what he wants to achieve.

JavaFX

Next Meeting January 11, 2022